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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- (88) Date of publication of the international search report:
4 September 2003
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: TREATMENT OF MS WITH GOAT SERUM

(57) Abstract: A serum composition from a goat immunised with HIV contains anti-HLA antibody and is suited for palliative improvement of the condition of an animal.

INTERNATIONAL SEARCH REPORT

Inter Application No
PCT/GB 03/00342

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	POLMAN C H: "OTHER IMMUNOMODULATORY THERAPIES IN MULTIPLE SCLEROSIS" BAILLIERE'S CLINICAL NEUROLOGY, LONDON, GB, vol. 6, no. 3, 1997, pages 511-524, XP001006179 ISSN: 0961-0421 page 521	1
A	ARNASON B G W: "IMMUNOLOGIC THERAPY OF MULTIPLE SCLEROSIS" ANNUAL REVIEW OF MEDICINE: SELECTED TOPICS IN THE CLINICAL SCIENCES, ANNUAL REVIEWS INC., PALO ALTO, CA, US, vol. 50, 1999, pages 291-302, XP000885669 ISSN: 0066-4219 page 298	1-19
X	WO 97 02839 A (GKC RESEARCH INC) 30 January 1997 (1997-01-30) cited in the application page 17, lines 10-18 example V	2-9, 13-19
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X	WO 96 20215 A (OM LAB SA ;LAUENER ROGER PASCAL (CH); DEUTSCHE OM ARZNEIMITTEL GMB) 4 July 1996 (1996-07-04) page 2, line 32-page 3, line 13; page 3, lines 29-31; page 4, lines 3-9; page 5, lines 25-34; examples	1
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INTERNATIONAL SEARCH REPORT

Inte Publication No

PCT/GB 03/00342

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 71160 A (ICHIKAWA KIMIHISA ;SERIZAWA NOBUFUSA (JP); SANKYO CO (JP); YOSHIDA) 30 November 2000 (2000-11-30) the whole document & EP 1 180 369 A (SANKYO COMPANY) 20 February 2002 (2002-02-20) claims ---	1-19
A	DATABASE WPI Section Ch, Week 199044 Derwent Publications Ltd., London, GB; Class B04, AN 1990-331416 XP002227065 & JP 02 237935 A (BIO KAGAKU KENKYUSH), 20 September 1990 (1990-09-20) abstract ---	1-19
A	JONES-BRANDO LORRAINE V ET AL: "Metabolites of the antipsychotic agent clozapine inhibit the replication of human immunodeficiency virus type 1." SCHIZOPHRENIA RESEARCH, vol. 25, no. 1, 1997, pages 63-70, XP002227062 ISSN: 0920-9964 abstract ---	1-19
A	KUTSCH O ET AL: "Induction of the chemokines interleukin-8 and IP-10 by human immunodeficiency virus type 1 Tat in astrocytes." JOURNAL OF VIROLOGY, vol. 74, no. 19, October 2000 (2000-10), pages 9214-9221, XP002227063 ISSN: 0022-538X abstract ---	1-19
A	SILVESTRIS FRANCO ET AL: "Autoreactivity in HIV-1 infection: The role of molecular mimicry." CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, vol. 75, no. 3, 1995, pages 197-205, XP002227064 ISSN: 0090-1229 the whole document ---	1-19
P,X	WO 02 07760 A (DAVIS GARY ;ICE BIOLOG LTD (GB)) 31 January 2002 (2002-01-31) the whole document ---	1-19
P,X	WO 03 004049 A (DALGLEISH ANGUS G ;CADOGAN MARTIN (GB); ICE BIOLOG LTD (GB); HEENE). 16 January 2003 (2003-01-16) the whole document -----	1-19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/00342

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-9 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Publication No

PCT/GB 03/00342

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9702839	A	30-01-1997	WO 9702839 A1	30-01-1997
WO 0012560	A	09-03-2000	AU 5588099 A WO 0012560 A1 US 2001053360 A1	21-03-2000 09-03-2000 20-12-2001
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WO 03004049	A	16-01-2003	WO 03004049 A2	16-01-2003

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

Applicant's or agent's file reference WPP85283	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/GB 03/ 00342	International filing date (day/month/year) 28/01/2003	Priority date (day/month/year) 28/01/2002
International Patent Classification (IPC) or national classification and IPC A61K39/395		
Applicant AIMSCO LIMITED et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.


2. This REPORT consists of a total of 2 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consists of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☒ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 21/08/2003	Date of completion of this report 27/11/2003
Name and mailing address of the IPEA/  European Patent Office D-80298 Munich Tel. (+49-89) 2399-0, Tx: 523656 epmu d Fax: (+49-89) 2399-4465	Authorized officer LONATI M Tel. (+49-89) 2399 2828



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The question of whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable has not been the subject of the international preliminary examination in respect of the claims which have not been searched (Article 17(2)(a) or (3) and Rule 66.1(e) PCT); see also international search report).

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

To the extent that the international preliminary examination has been carried out (see item III above), the following is pointed out:

In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims, which have been the subject of an international search report, does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).

INTERNATIONAL SEARCH REPORT

Intel Application No
PCT/GB 03/00342

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K39/395 A61P31/18 A61P25/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RIECKMANN P: "IMMUNOMODULATORY THERAPY OF MULTIPLE SCLEROSIS: CURRENT TRIALS AND FUTURE PERSPECTIVES" MOLECULAR SIGNALING AND REGULATION IN GLIAL CELLS. A KEY TO REMYELINATION AND FUNCTIONAL REPAIR, XX, XX, 1997, pages 312-321, XP001056478 page 317	1
Y	WEINER H L ET AL: "THERAPY FOR MULTIPLE SCLEROSIS" NEUROLOGIC CLINICS, XX, XX, vol. 13, no. 1, February 1995 (1995-02), pages 173-196, XP001121805 page 183 --- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

18 July 2003

Date of mailing of the international search report

29/07/2003

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